AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

CLAIMS

1 (Previously Presented) A computer device having a system for simulating tactile control over a document, comprising

a processor, memory, and a display,

system code stored within the memory and adapted to be executed by the processor to provide a digital representation of a document including data content and a page structure representative of a page layout of the document,

an engine for rendering an image of at least a portion of the page layout of the digital representation on the display,

a plurality of user-interface commands,

a plurality of command strokes having corresponding shapes, wherein at least one command stroke corresponds to one of the plurality of user interface commands,

a display monitor for detecting an input stroke traced on the display by a user, wherein the input stroke has a display location and a shape,

an interface process for identifying an input by a user of a user interface command by comparing the shape of the detected input stroke to the shapes associated with the plurality of command strokes, the identifying being independent of the display location of the input stroke in relation to the location of other visible elements on the display; and

a navigation module for navigating through the digital representation of the document by changing the rendered image in response to an identification by the interface process of one of the plurality of user interface commands.

2 (Previously Presented) A computer device according to claim 1, wherein the display comprises a touch-sensitive screen.

3 (Previously Presented) A computer device according to claim 1, wherein the display comprises a display screen capable of depicting a cursor and wherein the input stroke is traced by a cursor.

4 (Cancelled)

5 (Original) A computer device according to claim 1, wherein the processor, memory, and display are arranged as a data processing platform for a device selected from the group consisting of a hand-held computer, a telephone, a mobile data terminal, a set top box, an embedded processor, a notebook computer, a computer workstation, a printer, a copier, a facsimile machine, an in-car system, a domestic appliance, an audio player, a microwave oven, a washing machine, and a refrigerator.

6 (Previously Presented) A computer device according to claim 1, further including a velocity detector for determining a velocity vector associated with the detected input stroke.

7 (Previously Presented) A computer device according to claim 6, further comprising means for applying a velocity characteristic to an identified user interface command.

8 (Previously Presented) A computer device according to claim 7, wherein the means for applying a velocity characteristic includes means for causing the rendered image to move across the display at a velocity associated with the determined velocity vector.

9 (Previously Presented) A computer device according to claim 1, wherein the plurality of user interface commands includes a command for flipping a page of a document.

10 (Original) A computer device according to claim 9, wherein the command for flipping a page causes the rendering engine to render an alternate page within the page layout of the digital representation of the document.

11 (Previously Presented) A computer device according to claim 9, further comprising an input device selected from the group consisting of a touch-sensitive display, a touch-pad, a joystick, a mouse, a trackball and a thumb wheel device.

12 (Previously Presented) A computer device according to claim 1, wherein the command for flipping a page causes the navigation module to rendering another portion of the page layout adjacent a currently rendered portion.

13 (Original) A computer device according to claim 12, wherein the other rendered portion of the page layout has a selected adjacency to the currently rendered portion.

14 (Currently Amended) A computer device according to claim 1, wherein the plurality of user interface commands includes a command for curling a page, which [[causing]] causes the navigation module to render, adjacent a currently rendered portion of the page layout, another portion of the page layout representative of a portion of an underlying page in the document.

15 (Original) A computer device according to claim 14, wherein the other rendered portion of the page layout has a selected adjacency to the currently rendered portion.

16 (Cancelled)

17 (Previously Presented) A computer device according to claim 1, wherein the plurality of user interface commands includes a command for altering data content of the digital representation of the document.

18 (Currently Amended) A computer device according to claim 1, wherein the plurality of user interface commands includes a command for changing a scale of the document on the display.

19–21 (Cancelled)

22 (Original) A computer device according to claim 1, wherein the plurality of commands includes a command for controlling a transparency characteristic of a document presented on the display.

23 (Currently Amended) A computer device according to claim 22, wherein the command for controlling a transparency characteristic of [[selected portions of]] the [[document]] image adjusts the visibility of the ~~selected portions relative to other portions of the~~ document relative to a displayed image corresponding to a different document at least partially underlying the document.

24–31 (Cancelled)

32. (Previously Presented) The computer device of claim 1, wherein

at least one of the plurality of command strokes has a corresponding direction; and

identifying the input of a user interface command includes comparing a direction of the input stroke to the direction corresponding to the at least one command stroke.